**Week 9: Weekly Report for COMP 4910 Project Course**

**Deep Map**

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**Summary:**

In the ninth week of the project, we continued working on integrating and developing the parts of our app that we need functional for the final product. After some trouble with the development environment, we were finally able to incorporate Firebase into the Android version of our app. We also continued working on the Wordpress site for our client, implementing functionality for our client to edit the markers on the map. Finally, we have continued to work on integrating Firebase into our map. We are having some trouble trying to merge the old branch where the Firebase implementation was developed into the master branch of our Git repository, but when this is done, we should be able to fully integrate Firebase into our map. The challenges we are having with integration has slowed our progress a bit, so we are still in the process of publishing the app to the app store, but we have accounted for overflow with our development in our timeline leading up to the final deliverable.

In the coming week, we will merge our Firebase implementation with the master branch of our Git directory and integrate it with our map. We will also setup the filter for our map to filter by the different categories currently on the DeepMap Website, including setting up our database to support the different categories. We will try to publish the app on the Google Play store and the iOS app store if time permits. Finally, we will move the WordPress page we created for our client from the test site we’ve been working from onto the Trubox site that our client has access to.

**Task Completion from Last Week**

* Finished integrating Firebase into the Android version of the app
* Continued determining requirements of publishing the app on both app stores
* Created timeline of final sprints and wrap-up
* Worked on integrating the Wordpress form on the DeepMap site

**Task for This Week**

* Setup filter for the map, including creating children in the database to act as filter categories for the markers.
* Post app to Google Play Store and possibly iOS app store
* Upload the client WordPress page to her Trubox site
* Merge the Firebase implementation with the working branch and integrate the database with the map

**Additional Information**

None this week.

**Known issues / things blocking progress**

* Merging the changes of an older branch that the Firebase implementation was developed on into the master branch of the repository